

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006209.D
 Acq On : 29 Nov 2018 14:05
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:12:57 AM

Quant Time: Nov 30 03:47:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	1076684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1571513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1410184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	738886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	9463	0.898	ug/l	88
3) Chloromethane	1.33	50	10588	0.977	ug/l	94
4) Vinyl Chloride	1.41	62	11172	0.958	ug/l	99
5) Bromomethane	1.64	94	9352	1.157	ug/l	96
6) Chloroethane	1.73	64	6851	0.958	ug/l	91
7) Trichlorofluoromethane	1.93	101	16891	0.944	ug/l	94
8) Diethyl Ether	2.19	74	7221	1.066	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	10488	1.031	ug/l	95
12) 1,1-Dichloroethene	2.38	96	10040	1.031	ug/l	83
14) Allyl chloride	2.73	41	19038	0.989	ug/l #	93
15) Acrylonitrile	3.15	53	30593	4.877	ug/l	98
16) Acetone	2.45	43	26982	5.231	ug/l	97
17) Carbon Disulfide	2.57	76	29912	0.996	ug/l	98
18) Methyl Acetate	2.78	43	17753	1.029	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	34625	0.996	ug/l	98
20) Methylene Chloride	2.85	84	12559	1.144	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	10561	1.017	ug/l	93
22) Diisopropyl ether	3.87	45	30780	1.024	ug/l	95
23) Vinyl Acetate	3.82	43	123208	4.805	ug/l	99
24) 1,1-Dichloroethane	3.70	63	18763	1.092	ug/l	95
25) 2-Butanone	4.70	43	38096	5.176	ug/l	89
26) 2,2-Dichloropropane	4.58	77	16422	1.036	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	11350	0.980	ug/l	90
28) Bromochloromethane	5.01	49	6864	0.915	ug/l	87
29) Tetrahydrofuran	5.16	42	26049	5.093	ug/l	96
30) Chloroform	5.21	83	18730	1.037	ug/l	98
31) Cyclohexane	5.57	56	16481	1.038	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	18470	1.075	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	14035	1.061	ug/l	96
37) Ethyl Acetate	4.86	43	16479	1.112	ug/l #	86
38) Carbon Tetrachloride	5.78	117	16552	1.063	ug/l #	88
39) Methylcyclohexane	7.46	83	18137	1.056	ug/l	90
40) Benzene	6.15	78	40841	1.030	ug/l	93
41) Methacrylonitrile	5.05	41	9419	1.155	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006209.D
 Acq On : 29 Nov 2018 14:05
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:12:57 AM

Quant Time: Nov 30 03:47:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	12932	0.997	ug/l	98
43) Isopropyl Acetate	6.46	43	26611	1.077	ug/l	97
44) Trichloroethene	7.21	130	12405	1.033	ug/l	91
45) 1,2-Dichloropropane	7.51	63	10979	1.090	ug/l	97
46) Dibromomethane	7.66	93	7565	1.040	ug/l	93
47) Bromodichloromethane	7.90	83	14350	1.019	ug/l	99
48) Methyl methacrylate	7.77	41	12346	1.027	ug/l	98
49) 1,4-Dioxane	7.75	88	6514	21.987	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	73539	5.112	ug/l	99
52) Toluene	8.78	92	27255	1.045	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	16727	1.015	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	17811	1.041	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	10842	1.023	ug/l	95
56) Ethyl methacrylate	9.18	69	17840	1.077	ug/l	96
57) 1,3-Dichloropropane	9.37	76	17088	1.020	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	46425	5.524	ug/l	98
59) 2-Hexanone	9.49	43	54934	4.999	ug/l	99
60) Dibromochloromethane	9.59	129	13738	1.052	ug/l	100
61) 1,2-Dibromoethane	9.67	107	12819	1.082	ug/l	98
64) Tetrachloroethene	9.34	164	11234	1.058	ug/l	94
65) Chlorobenzene	10.14	112	30162	1.008	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	12085	1.039	ug/l #	64
67) Ethyl Benzene	10.25	91	52283	1.050	ug/l	97
68) m/p-Xylenes	10.36	106	41690	2.090	ug/l	98
69) o-Xylene	10.70	106	21009	1.066	ug/l	95
70) Styrene	10.71	104	32860	1.031	ug/l	98
71) Bromoform	10.86	173	11150	1.016	ug/l #	99
73) Isopropylbenzene	11.02	105	51674	1.013	ug/l	98
74) N-amyl acetate	10.90	43	22415	1.020	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	17070	1.046	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	15459m	0.806	ug/l	
77) Bromobenzene	11.26	156	14997	1.059	ug/l	98
78) n-propylbenzene	11.36	91	56402	0.994	ug/l	98
79) 2-Chlorotoluene	11.42	91	34278	1.017	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	43352	1.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	6074	0.999	ug/l #	66
82) 4-Chlorotoluene	11.51	91	39272	1.002	ug/l	99
83) tert-Butylbenzene	11.77	119	46762	1.032	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	45873	1.046	ug/l	98
85) sec-Butylbenzene	11.94	105	52270	1.014	ug/l	99
86) p-Isopropyltoluene	12.07	119	47769	1.029	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	25650	1.018	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	27486m	1.088	ug/l	
89) n-Butylbenzene	12.38	91	39327	0.993	ug/l	97
90) Hexachloroethane	12.60	117	9400	0.994	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	26322	1.053	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4855	1.160	ug/l	87
93) 1,2,4-Trichlorobenzene	13.65	180	18350	1.006	ug/l	95
94) Hexachlorobutadiene	13.78	225	8458	1.048	ug/l	94
95) Naphthalene	13.83	128	57301	1.010	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
Data File : VX006209.D
Acq On : 29 Nov 2018 14:05
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
11/30/2018 10:12:57 AM

Quant Time: Nov 30 03:47:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:36:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	17843	0.987	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

